

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L110	2871	(711/125,162,156).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 16:06
L111	0	L110 AND (comand ADJ queue\$1 AND pipelin\$3 AND strict ADJ order ADJ queue\$1 AND stack ADJ down ADK queue\$1 AND valid\$5 ADJ bit\$1 AND dependenc\$3 ADJ bit\$1 AND snapshot\$1).clm.	US-PGPUB; USPAT	OR	ON	2006/10/02 16:08

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	279107	@PD>"20060725"	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:32
L2	384869	(command\$3 OR operation\$1 OR instruction\$1 OR stor\$3 OR load\$3 OR (stack ADJ down) OR (strict ADJ order) OR FIFO OR (first ADJ in ADJ first ADJ out)) near4 (queue\$3 OR sequenc\$3 OR buffer\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:32
L3	657296	(depend\$3 OR dependenc\$ OR rel\$3 OR relian\$2 OR contingent OR based OR basing) near5 (command\$3 OR operation\$1 OR instruction\$1 OR stor\$3 OR load\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:32
L4	28617	(valid\$5) near4 (bit\$1 OR byte\$1 OR tag\$1 OR tagg\$3 OR flag\$1 OR indicator\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:32
L5	420	(L2 near8 L3) AND (L2 near8 L4)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:32
L6	6	L1 AND L5	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:34
L7	6514	(711/156,125,158,118,144,154). CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:34
L8	129	(710/24).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:34
L9	2458	(712/225,228,216,217,23).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:34
L10	9011	(L7 OR L8 OR L9)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:34
L11	166	L5 AND L10	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:34

## EAST Search History

L12	3	L1 AND L11	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:35
L13	15	(L2 near8 L3) AND (L2 near8 L4) AND (L2 near8 (snapshot\$1 OR imag\$3))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:35
L14	0	L1 AND L13	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:36
L15	213879	(command\$3 OR operation\$1 OR instruction\$1 OR stor\$3 OR load\$3 OR (stack ADJ down) OR (strict ADJ order) OR FIFO OR (first ADJ in ADJ first ADJ out)) near4 (queue\$3 OR buffer\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:36
L16	46	(L15 near5 L3) SAME (L15 near5 L4)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:36
L17	3	L1 AND L16	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:37
L18	213879	(command\$3 OR operation\$1 OR instruction\$1 OR stor\$3 OR load\$3 OR (stack ADJ down) OR (strict ADJ order) OR FIFO OR (first ADJ in ADJ first ADJ out)) near4 (queue\$3 OR buffer\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:37
L19	1763566	(snapshot\$1 OR imag\$3 OR (shadow ADJ (copy\$3 OR copi\$2)))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:37
L20	6514	(711/156,125,158,118,144,154). CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:37
L21	129	(710/24).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:37
L22	2458	(712/225,228,216,217,23).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:37

## EAST Search History

L23	9011	(L20 OR L21 OR L22)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:37
L24	89	(L19 near5 L18) AND L23	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:37
L25	0	L1 AND L24	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:38
L26	28617	(valid\$5) near4 (bit\$1 OR byte\$1 OR tag\$1 OR tagg\$3 OR flag\$1 OR indicator\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:38
L27	34	(L19 near5 L18) AND (L18 near5 L26)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:38
L28	0	L1 AND L27	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:39
L29	17142	(snapshot\$1 OR (shadow ADJ (copy\$3 OR copi\$2)))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:39
L30	17	(L29 near5 L18) AND L23	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:39
L31	0	L1 AND L30	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:39
L32	25729	(snapshot\$1 OR (shadow ADJ (copy\$3 OR copi\$2)) OR checkpoint\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:40
L33	169697	(command\$3 OR operation\$1 OR instruction\$1 OR stor\$3 OR load\$3 OR (stack ADJ down) OR (strict ADJ order) OR FIFO OR (first ADJ in ADJ first ADJ out)) near2 (queu\$3 OR buffer\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:40

## EAST Search History

L34	23	(L32 near5 L33) AND L23 NOT L30	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:40
L35	4	L1 AND L34	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:40
L36	247	(L32 near5 L33)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:41
L37	7039	((add OR stor\$3) near5 queue\$1) OR queueing OR queued) near5 (command\$3 OR operation\$1 OR instruction\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:41
L38	18	L36 SAME L37	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:41
L39	2	L1 AND L38	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:42
L40	157378	((retir\$3 OR deallocat\$3 OR de-allocat\$3 OR remov\$3 OR delet\$3 or eliminat\$3) near3 (command\$3 OR operation\$1 OR instruction\$1))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:42
L41	19887	(clear\$3 OR remov\$3 OR delet\$3 eliminat\$3 OR updat\$3 OR releas\$3) near5 (depend\$3 OR dependenc\$ OR rel\$3 OR relian\$2 OR contingent OR based OR basing) near5 (command\$3 OR operation\$1 OR instruction\$1 OR stor\$3 OR load\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:42
L42	18	(L40 near4 L33) AND (L33 near4 L26) AND L41 AND (disambiguation OR dis-ambiguation OR "out of order" OR "out-of-order")	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:42
L43	0	L1 AND L42	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:42
L44	11	(command near2 (queue\$1 OR buffer\$1)) near5 snapshot\$1	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:43

## EAST Search History

L45	1	L1 AND L44	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:43
L46	4	(command near2 (queue\$1 OR buffer\$1)) near5 (snapshot\$1 OR backup) NOT L44	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L47	0	L1 AND L46	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L48	1	((command OR instruction OR store OR load) near2 (queue\$1 OR buffer\$1) near3 (order\$3 OR sequence\$1)) near5 (snapshot\$1 OR backup)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L49	0	L1 AND L48	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L50	9	((command OR instruction OR store OR load) near2 (queue\$1 OR buffer\$1) near3 (order\$3 OR sequence\$1)) WITH (snapshot\$1 OR backup)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L51	0	L1 AND L50	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L52	2	((command OR instruction OR store OR load) near3 (queue\$1 OR buffer\$1) near5 (order\$3 OR sequence\$1)) WITH (snapshot\$1 OR backup) NOT L50	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L53	0	L1 AND L52	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:44
L54	34	FIFO near3 snapshot\$1	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:45
L55	0	L1 AND L54	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:45

## EAST Search History

L56	4	((stack ADJ down)) near4 (queue\$1 OR buffer\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:45
L57	0	L1 AND L56	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:45
L58	24149	((strict ADJ order) OR FIFO OR (first ADJ in ADJ first ADJ out) OR ROB OR (reorder ADJ buffer\$1) OR (re-order ADJ buffer\$1)) near4 (queue\$1 OR buffer\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:45
L59	161376	(command\$1 OR operation\$1 OR instruction\$1 OR store\$1 OR load\$1 OR issue\$1) near4 (queue\$1 OR buffer\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:45
L60	1396	(head near5 pointer\$1) near5 (tail near5 pointer\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:45
L61	4	L58 near5 L60 near5 L59	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:45
L62	1	L1 AND L61	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:46
L63	22797	((strict ADJ order) OR FIFO OR (first ADJ in ADJ first ADJ out)) near4 (queue\$1 OR buffer\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:46
L64	2	L63 near5 L60 near5 L59	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:46
L65	1	L1 AND L64	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
L66	5	L63 near5 L60 SAME L59	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:47
L67	1	L1 AND L66	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
L68	1	L66 AND (valid near2 bit\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:47

## EAST Search History

L69	0	L1 AND L68	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
L70	0	L66 AND (dependen\$4 near3 bit\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:47
L71	0	L1 AND L70	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
L72	2	L61 AND (dependen\$4 near3 bit\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:47
L73	0	L1 AND L72	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:47
L74	10	L58 near5 L60 SAME L59	US-PGPUB; USPAT; DERWENT	OR	ON	2006/10/02 15:47
L75	1	L1 AND L74	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:48
L76	1094424	@pd>"20060210"	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:48
L77	24	(snapshot\$1 OR backup\$1 OR checkpoint\$3) near5 ((command\$1 OR operation\$1 OR instruction\$1 OR store\$1 OR load\$1 OR issue\$1) near4 (queue\$1 OR buffer\$1)) near5 (order\$3 OR sequenc\$3 OR layout OR arrang\$3 OR arrangement\$1 OR composition)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:48
L78	5	L76 AND L77	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:48
L79	3	L1 AND L78	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:49



## EAST Search History

L80	65	(snapshot\$1 OR backup\$1 OR checkpoint\$3) WITH ((command\$1 OR operation\$1 OR instruction\$1 OR store\$1 OR load\$1 OR issue\$1) near3 (queue\$1 OR buffer\$1)) WITH (order\$3 OR sequenc\$3 OR layout OR arrang\$3 OR arrangement\$1 OR composition) NOT L77	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:49
L81	6	L1 AND L80	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:50
L82	208743	((any OR multiple OR different OR various) near2 order\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:50
L83	276	L59 near5 L82	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:50
L84	6514	(711/156,125,158,118,144,154). CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:50
L85	129	(710/24).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:50
L86	2458	(712/225,228,216,217,23).CCLS.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2006/10/02 15:50
L87	9011	(L84 OR L85 OR L86)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:50
L88	67	L83 AND L87	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:50
L89	4	L1 AND L88	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:51
L90	15	(snapshot\$1 OR backup\$1 OR checkpoint\$3 OR cop\$4) near5 (ROB OR (reorder ADJ buffer\$1) OR (re-order ADJ buffer\$1)) SAME L59	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:51

## EAST Search History

L91	1	L1 AND L90	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:51
L92	89	(snapshot\$1 OR backup\$1) near5 (FIFO OR (first ADJ in ADJ first ADJ out))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:51
L93	161376	(command\$1 OR operation\$1 OR instruction\$1 OR store\$1 OR load\$1 OR issue\$1) near4 (queue\$1 OR buffer\$1)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:51
L94	14	L92 SAME L93	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:51
L95	0	L1 AND L94	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:52
L96	4	checkpoint\$3 near5 cop\$4 near5 L93	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:52
L97	1	L1 AND L96	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:52
L98	21	checkpoint\$3 WITH cop\$4 WITH L93	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:52
L99	2	L1 AND L98	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:52
L100	6	(context ADJ switch\$3) WITH cop\$4 WITH L93	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:52
L101	0	L1 AND L100	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53
L102	27	(snapshot\$4 OR checkpoint\$3 OR backup\$1 OR context ADJ switch\$3) near5 ((command OR instruction OR load OR store) ADJ queue\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53

## EAST Search History

L103	4	L1 AND L102	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53
L104	0	(set\$1 OR setting OR chang\$3 OR modif\$4) near5 ((valid\$5 ADJ (bit\$1 OR byte\$1 OR flag\$1)) near5 (dependen\$4 ADJ (bit\$1 OR byte\$1 OR flag\$1))) WITH (snapshot\$4 OR checkpoint\$3 OR backup\$1 OR context ADJ switch\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53
L105	0	L1 AND L104	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53
L106	0	(set\$1 OR setting OR chang\$3 OR modif\$4) SAME ((valid\$5 ADJ (bit\$1 OR byte\$1 OR flag\$1)) SAME (dependen\$4 ADJ (bit\$1 OR byte\$1 OR flag\$1))) SAME (snapshot\$4 OR checkpoint\$3 OR backup\$1 OR context ADJ switch\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53
L107	0	L1 AND L106	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:53